
NARROW SWATH TIMELINE GMNNOT41 executed
 continued from day 206 (2008/07/24)
 holding on until orbit 69349, time ~19:00

Summary of Anomalies:
 station info

HO orbit 69337	EGOI data missing	25-JUL-2008 00:09:13.582	-	25-JUL-2008 00:23:50.789	877.20700	[sec]
MM orbit 69337	EGOI data missing	25-JUL-2008 00:20:34.515	-	25-JUL-2008 00:31:45.409	670.89400	[sec]
HO orbit 69338	EGOI data missing	25-JUL-2008 01:52:05.854	-	25-JUL-2008 02:01:33.976	568.12200	[sec]
MM orbit 69338	EGOI data missing	25-JUL-2008 02:02:50.676	-	25-JUL-2008 02:12:02.448	551.77200	[sec]
BE orbit 69339	EGOI data missing	25-JUL-2008 03:07:23.465	-	25-JUL-2008 03:20:47.762	804.29700	[sec]
SG orbit 69339	EGOI data missing	25-JUL-2008 03:18:25.972	-	25-JUL-2008 03:32:16.167	830.19500	[sec]
BE orbit 69340	EGOI data missing	25-JUL-2008 04:48:11.047	-	25-JUL-2008 04:57:04.895	533.84800	[sec]
MM orbit 69341	EGOI data missing	25-JUL-2008 07:10:02.380	-	25-JUL-2008 07:17:17.999	435.61900	[sec]
MM orbit 69342	EGOI data missing	25-JUL-2008 08:50:37.463	-	25-JUL-2008 09:00:14.387	576.92400	[sec]
MA orbit 69342	EGOI data missing	25-JUL-2008 08:11:57.012	-	25-JUL-2008 08:22:16.346	619.33400	[sec]
JO orbit 69342	EGOI data missing	25-JUL-2008 08:27:02.648	-	25-JUL-2008 08:42:00.518	897.87000	[sec]
MM orbit 69343	EGOI data missing	25-JUL-2008 10:30:51.346	-	25-JUL-2008 10:42:18.964	687.61800	[sec]
MA orbit 69343	EGOI data missing	25-JUL-2008 09:50:02.638	-	25-JUL-2008 10:03:26.578	803.94000	[sec]
MM orbit 69344	EGOI data missing	25-JUL-2008 12:10:51.470	-	25-JUL-2008 12:23:18.784	747.31400	[sec]
MA orbit 69344	EGOI data missing	25-JUL-2008 11:31:18.525	-	25-JUL-2008 11:39:02.706	464.18100	[sec]
MM orbit 69345	EGOI data missing	25-JUL-2008 13:50:37.565	-	25-JUL-2008 14:03:21.466	763.90100	[sec]
SG orbit 69345	EGOI data missing	25-JUL-2008 14:16:00.868	-	25-JUL-2008 14:25:59.433	598.56500	[sec]
BE orbit 69346	EGOI data missing	25-JUL-2008 14:24:04.910	-	25-JUL-2008 14:37:23.840	798.93000	[sec]
MM orbit 69346	EGOI data missing	25-JUL-2008 15:30:07.761	-	25-JUL-2008 15:42:45.469	757.70800	[sec]
MI orbit 69346	EGOI data missing	25-JUL-2008 14:57:42.108	-	25-JUL-2008 15:08:43.410	661.30200	[sec]
KS orbit 69346	EGOI data missing	25-JUL-2008 14:39:28.861	-	25-JUL-2008 14:51:02.386	693.52500	[sec]
GS orbit 69346	EGOI data missing	25-JUL-2008 14:51:10.061	-	25-JUL-2008 15:03:36.331	746.27000	[sec]
SG orbit 69346	EGOI data missing	25-JUL-2008 15:53:22.090	-	25-JUL-2008 16:06:46.619	804.52900	[sec]
CM orbit 69346	EGOI data missing	25-JUL-2008 15:03:02.019	-	25-JUL-2008 15:08:00.323	298.30400	[sec]
MM orbit 69347	EGOI data missing	25-JUL-2008 17:09:22.500	-	25-JUL-2008 17:21:54.059	751.55900	[sec]
MM orbit 69348	EGOI data missing	25-JUL-2008 18:48:30.534	-	25-JUL-2008 19:01:07.158	756.62400	[sec]
MM orbit 69349	EGOI data missing	25-JUL-2008 20:27:50.992	-	25-JUL-2008 20:40:34.942	763.95000	[sec]
MA orbit 69349	EGOI data missing	25-JUL-2008 19:27:53.328	-	25-JUL-2008 19:39:19.127	685.79900	[sec]
MM orbit 69350	EGOI data missing	25-JUL-2008 22:07:47.475	-	25-JUL-2008 22:20:19.039	751.56400	[sec]
MA orbit 69350	EGOI data missing	25-JUL-2008 21:05:56.357	-	25-JUL-2008 21:19:16.453	800.09600	[sec]
HO orbit 69351	EGOI data missing	25-JUL-2008 23:38:11.692	-	25-JUL-2008 23:52:34.852	863.16000	[sec]
MM orbit 69351	EGOI data missing	25-JUL-2008 23:48:39.230	-	26-JUL-2008 00:00:17.454	698.22400	[sec]
KS orbit 69342	EGOI data gap	25-JUL-2008 08:02:23.342	-	25-JUL-2008 08:03:30.979	67.637000	[sec]
KS orbit 69343	EGOI data gap	25-JUL-2008 09:42:00.120	-	25-JUL-2008 09:43:10.584	70.464000	[sec]
KS orbit 69344	EGOI data gap	25-JUL-2008 11:21:33.404	-	25-JUL-2008 11:22:48.686	75.282000	[sec]
KS orbit 69345	EGOI data gap	25-JUL-2008 13:00:45.562	-	25-JUL-2008 13:01:55.288	69.726000	[sec]
KS orbit 69347	EGOI data gap	25-JUL-2008 16:17:09.056	-	25-JUL-2008 16:27:30.832	621.77600	[sec]
KS orbit 69348	EGOI data gap	25-JUL-2008 17:55:00.883	-	25-JUL-2008 17:56:29.879	88.996000	[sec]
MS orbit 69344	EGOI data gap	25-JUL-2008 11:34:30.471	-	25-JUL-2008 11:36:09.767	99.296000	[sec]
MS orbit 69345	EGOI data gap	25-JUL-2008 13:15:33.699	-	25-JUL-2008 13:16:46.374	72.675000	[sec]
SG orbit 69340	EGOI data gap	25-JUL-2008 05:01:03.726	-	25-JUL-2008 05:02:32.882	89.156000	[sec]
CM orbit 69339	EGOI data gap	25-JUL-2008 04:14:49.441	-	25-JUL-2008 04:17:13.110	143.66900	[sec]
JO orbit 69341	EGOI data gap	25-JUL-2008 06:50:14.621	-	25-JUL-2008 06:53:23.054	188.43300	[sec]
JO orbit 69350	EGOI data gap	25-JUL-2008 22:28:28.284	-	25-JUL-2008 22:30:04.618	96.334000	[sec]

instrument info

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 EGOI 1 - GOME unpowered due to FPA1 temperature, RTM and APM latch upcounters out of limits
 (see ER2-UNA-2008/027), no data available between 13:34:27 ca. 16:27 orbits 69345-69347
 - no data available:

MM orbit 69345	EGOI data missing	25-JUL-2008 13:50:37.565	-	25-JUL-2008 14:03:21.466	763.90100	[sec]
SG orbit 69345	EGOI data missing	25-JUL-2008 14:16:00.868	-	25-JUL-2008 14:25:59.433	598.56500	[sec]
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KS orbit 69346	EGOI data missing	25-JUL-2008 14:39:28.861	-	25-JUL-2008 14:51:02.386	693.52500	[sec]

GS orbit 69346 EGOI data missing 25-JUL-2008 14:51:10.061 - 25-JUL-2008 15:03:36.331 746.27000 [sec]
 SG orbit 69346 EGOI data missing 25-JUL-2008 15:53:22.090 - 25-JUL-2008 16:06:46.619 804.52900 [sec]
 CM orbit 69346 EGOI data missing 25-JUL-2008 15:03:02.019 - 25-JUL-2008 15:08:00.323 298.30400 [sec]

- coolers off, 13:34:27 - 17:56:29 (exact stop time not available due to limited gs visibility)
 detector temperatures out of range
 (max warm up channel 1 276,3)
 (max warm up channel 2 277.2)
 (max warm up channel 3 276.9)
 (max warm up channel 4 277.2)

- one orbit 69348 nominal operations

- TST 44 started at ~19:34 (exact start time not available due to limited gs visibility), orbit 69349,
 coolers off, 19:34:27 - 19:45:02
 - Lamp Calibration sequence start 19:34 (no visibility gs) stop 19:35:21
 (voltage stable at 198 V)
 Lamp Calibration sequence start 19:43:03.550 stop 19:45:00.562
 (voltage stable at 198 V)

- solar calibration mode with warm detectors (T~257.5) start 19:39:06.523,
 orbit 69349, (increase of intensity of PMD readouts during available solar calibration measurements data:
 14532 BU ->PMD2 readouts analysed with ERGO.

MPS resumed ca. 21:11:58

2 - data are nominal, besides the occurrence of padded frames in channel 4 (frame 20) over a few orbits (limited area over the North Pole)

 GOME Daily Reports Analysis

25 JUL

2008

Station ID	see above
MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror Position	>> timeline GMNNOT41 executed as planned, until Orb. 69349, ~19:00
Polarisation Detectors	OK
FPA Temperatures A	OK
FPA Temperatures B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibr. Lamp and Instr. Status 3	OK
Scan Mirror Motor Current	>> pattern not repeated due to execution of timeline GMNNOT41
Selected Temperature A	OK
Selected Temperature B	OK
Selected Temperature C	OK
Channel 1 Summation	OK

Channel 2 Summation	OK
Channel 4 Summation	OK
Log pages	OK
331/318 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK